



PulZar

75% drift reduction compared to standard Flat Fan Nozzles
The perfect nozzle for your Pulse Width Modulation system



Worldwide proven technology • 75% drift control
Compatible with all current systems

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PulZar PWM (AI) Nozzle Application Chart

(litres per hectare - at 30% or 100% duty cycle)
Speed (kph) and at 50cm nozzle spacing

Nozzle	Pressure	Flow	Spray	30%	100%	30%	100%	30%	100%	30%	100%	30%	100%	30%	100%	30%	100%	30%	100%
	Bar	L/Min	Quality	6	8	10	12	14	16	18	20								
PulZar Green LERAP 2* 015	1	0.35	M	21	69	16	52	12	42	10	35	9	30	8	26	7	23	6	21
	2	0.49	M	29	98	22	73	18	59	15	49	13	42	11	37	10	33	9	29
	3	0.60	M	36	120	27	90	22	72	18	60	15	51	14	45	12	40	11	36
	4	0.69	M	42	139	31	104	25	83	21	69	18	59	16	52	14	46	12	42
	5	0.77	M	46	155	35	116	28	93	23	77	20	66	17	58	15	52	14	46
PulZar Yellow LERAP 2* 02	1	0.47	VC	28	93	21	70	17	56	14	47	12	40	11	35	9	31	8	28
	2	0.66	C	40	132	30	99	24	79	20	66	17	57	15	50	13	44	12	40
	3	0.81	M	48	162	36	121	29	97	24	81	21	69	18	61	16	54	15	48
	4	0.93	M	56	187	42	140	34	112	28	93	24	80	21	70	19	62	17	56
	5	1.04	M	63	209	47	157	38	125	31	104	27	89	23	78	21	70	19	63
PulZar Lilac LERAP 3* 025	1	0.58	VC	35	116	26	87	21	70	17	58	15	50	13	43	12	39	10	35
	2	0.82	C	49	164	37	123	30	98	25	82	21	70	18	62	16	55	15	49
	3	1.00	M	60	201	45	151	36	121	30	100	26	86	23	75	20	67	18	60
	4	1.16	M	70	232	52	174	42	139	35	116	30	99	26	87	23	77	21	70
	5	1.30	M	78	259	58	194	47	156	39	130	33	111	29	97	26	86	23	78
PulZar Blue LERAP 3* 03	1	0.69	XC	42	139	31	104	25	83	21	69	18	59	16	52	14	46	12	42
	2	0.98	C	59	196	44	147	35	118	29	98	25	84	22	74	20	65	18	59
	3	1.20	C	72	240	54	180	43	144	36	120	31	103	27	90	24	80	22	72
	4	1.39	M	83	277	62	208	50	166	42	139	36	119	31	104	28	92	25	83
	5	1.55	M	93	310	70	232	56	186	46	155	40	133	35	116	31	103	28	93
PulZar Red LERAP 3* 04	1	0.93	XC	56	185	42	139	33	111	28	93	24	79	21	69	19	62	17	56
	2	1.31	C	79	262	59	197	47	157	39	131	34	112	29	98	26	87	24	79
	3	1.60	C	96	321	72	241	58	193	48	160	41	138	36	120	32	107	29	96
	4	1.85	C	111	371	83	278	67	222	56	185	48	159	42	139	37	124	33	111
	5	2.07	M	124	414	93	311	75	249	62	207	53	178	47	155	41	138	37	124
PulZar Brown LERAP 3* 05	1	1.15	VC	69	231	52	173	41	138	35	115	30	99	26	86	23	77	21	69
	2	1.63	C	98	326	73	245	59	196	49	163	42	140	37	122	33	109	29	98
	3	2.00	C	120	399	90	299	72	240	60	200	51	171	45	150	40	133	36	120
	4	2.31	C	138	461	104	346	83	277	69	231	59	198	52	173	46	154	41	138
	5	2.58	C	155	515	116	387	93	309	77	258	66	221	58	193	52	172	46	155
PulZar Grey LERAP 3* 06	1	1.39	XC	83	277	62	208	50	166	42	139	36	119	31	104	28	92	25	83
	2	1.96	VC	118	392	88	294	71	235	59	196	50	168	44	147	39	131	35	118
	3	2.40	VC	144	480	108	360	86	288	72	240	62	206	54	180	48	160	43	144
	4	2.77	VC	166	554	125	416	100	333	83	277	71	238	62	208	55	185	50	166
	5	3.10	VC	186	620	139	465	112	372	93	310	80	266	70	232	62	207	56	186
PulZar White LERAP 3* 08	1	1.85	UC	111	369	83	277	66	221	55	185	47	158	42	138	37	123	33	111
	2	2.61	XC	157	522	117	392	94	313	78	261	67	224	59	196	52	174	47	157
	3	3.20	XC	192	639	144	479	115	384	96	320	82	274	72	240	64	213	58	192
	4	3.69	XC	221	738	166	554	133	443	111	369	95	316	83	277	74	246	66	221
	5	4.13	C	248	825	186	619	149	495	124	413	106	354	93	310	83	275	74	248

LERAP Rating applies to spraying at 2 to 2.5bar, 50cm nozzle height, traveling between 4kph-12kph, when used at 100% duty cycle or as a standard nozzle.